

“Common Skimming”

- **Single Muon:**
 - 1 “loose” muon, $\max[p_T(\text{central}), p_T(\text{local})] > 8 \text{ GeV}$ (~8%)
- **Dimuons:**
 - 2 “loose” muons, no p_T cuts; or 1 “loose” muon + 1 MTC muons with a matching central track with $p_T > 8 \text{ GeV}$ (~1.5%)
- **Single EM:**
 - EM(10,11), $p_T > 17\text{-}18 \text{ GeV}$ (~10%)
- **DiEM:**
 - 2 EM(10,11), $p_T > 7 \text{ GeV}$ (~2%)
- **EM-Muon:**
 - 1 “loose” muon and one EM(10,11) with $p_T > 5 \text{ GeV}$ (~2%)
- **Electron w/ track:**
 - EM(10,11) w/ $p_T > 12 \text{ GeV}$ & a track w/ $p_T > 7 \text{ GeV}$ within $\Delta\phi = 0.4$ (~5%)
- **All jets:**
 - 3 jets, with $|\eta| < 2.5$ and $p_T^1 > 20 \text{ GeV}$, $p_T^{2,3} > 15 \text{ GeV}$ (~10%)
- **Jets+ME_T:**
 - $ME_T > 20 \text{ GeV}$, $H_T > 25 \text{ GeV}$ (~8%)